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tomer

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FILE 'HOME' ENTERED AT 17:12:15 ON 13 JAN 2010

FILE 'CASREACT' ENTERED AT 17:12:36 ON 13 JAN 2010
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FILE CONTENT:1840 - 9 Jan 2010 VOL 152 ISS 3

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```
*****  
*  
*      CASREACT now has more than 16.5 million reactions  
*  
*****
```

CASREACT contains reactions from CAS and from: ZIC/VINITI database (1974-1999) provided by InfoChem; INPI data prior to 1986; Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich; organic reactions, portions copyright 1996-2006 John Wiley & Sons, Ltd., John Wiley and Sons, Inc., Organic Reactions Inc., and Organic Syntheses Inc. Reproduced under license. All Rights Reserved.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Program Files\Stnexp\Queries\10599899a.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

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Structure attributes must be viewed using STN Express query preparation.

```
=> s 11 sss sam
SAMPLE SEARCH INITIATED 17:13:04 FILE 'CASREACT'
SCREENING COMPLETE -          0 REACTIONS TO VERIFY FROM      0 DOCUMENTS
100.0% DONE      0 VERIFIED      0 HIT RXNS      0 DOCS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                           BATCH **COMPLETE**
PROJECTED VERIFICATIONS:    0 TO      0
PROJECTED ANSWERS:         0 TO      0
```

L2 0 SEA SSS SAM L1 (0 REACTIONS)

```
=> s 11 sss full
THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 126.70 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:13:18 FILE 'CASREACT'
SCREENING COMPLETE -      63 REACTIONS TO VERIFY FROM      13 DOCUMENTS
```

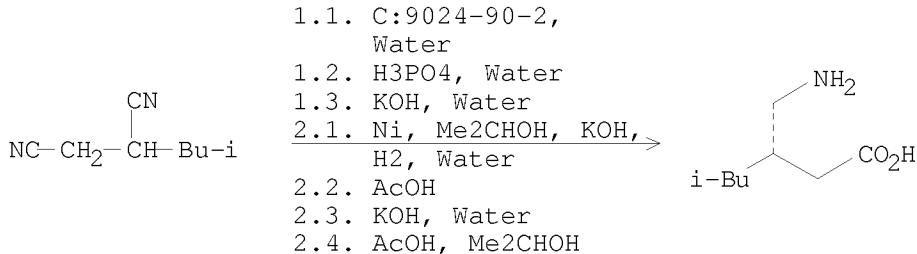
```
100.0% DONE      63 VERIFIED      4 HIT RXNS      1 DOCS
SEARCH TIME: 00.00.01
```

L3 1 SEA SSS FUL L1 (4 REACTIONS)

```
=> d 1-4
THE ESTIMATED COST FOR THIS REQUEST IS 3.14 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y
```

L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2010 ACS on STN

RX(15) OF 21 - 2 STEPS



REF: PCT Int. Appl., 2005100580, 27 Oct 2005

NOTE: 1) biotransformation, enzymic, stereoselective, NIT-102 C2 used,
buffered soln., 2) Raney nickel used, alternative preparation
shown

CON: STEP(1.1) 24 hours, 30 deg C; 24 hours, 30 deg C; 24 hours,
30 deg C; 24 hours, 30 deg C
STEP(1.2) pH 2.1
STEP(2.1) overnight, room temperature, 50 psi
STEP(2.2) room temperature → 50 deg C, acidify; 50 deg C;
overnight, room temperature
STEP(2.3) pH >7
STEP(2.4) overnight, room temperature, acidify

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